

TABLE 6, page 1 of 5

<u>Marker</u>	<u>Gene Name</u>	<u>hCG</u>	<u>Sample Set</u>	<u>p-value</u>	<u>OR</u>	<u>Case Freq.</u>	<u>Cntrl Freq.</u>	<u>Allele</u>	<u>Strata</u>	<u>Status</u>
hCV11506744	HRC	hCG16212	S0012	0.00720	0.76	0.41	0.48	C	All	STATUS2
hCV11506744	HRC	hCG16212	V0002	0.01704	0.78	0.40	0.46	C	All	STATUS9
hCV11951412	NEUROD1	hCG1776881	S0012	0.01553	0.78	0.36	0.42	T	All	STATUS1
hCV11951412	NEUROD1	hCG1776881	V0002	0.02186	0.83	0.36	0.40	T	All	STATUS8
hCV12023148	DEGS	hCG1736748	S0012	0.02456	0.45	0.88	0.94	C	Female	STATUS5
hCV12023148	DEGS	hCG1736748	S0012	0.00532	0.38	0.87	0.95	C	Smoke-	STATUS5
hCV12023148	DEGS	hCG1736748	V0002	0.00053	0.47	0.88	0.94	C	All	STATUS12
hCV1526318	FLJ10922	hCG15259	S0012	0.02640	0.58	0.65	0.76	Male	STATUS3	
hCV1526318	FLJ10922	hCG15259	S0012	0.04033	0.63	0.64	0.74	Smoke+	STATUS3	
hCV1526318	FLJ10922	hCG15259	V0002	0.00394	0.56	0.62	0.74	G	All	STATUS10
hCV15965459	ZNF350	hCG1772922	S0012	0.01339	0.52	0.86	0.92	T	Female	STATUS1
hCV15965459	ZNF350	hCG1772922	V0002	0.00631	0.74	0.83	0.86	T	All	STATUS8
hCV16246344	ELAVL4	hCG2031550	S0012	0.04318	0.27	0.97	0.99	C	Old	STATUS2
hCV16246344	ELAVL4	hCG2031550	S0012	0.00925	0.18	0.96	0.99	C	Smoke-	STATUS2
hCV16246344	ELAVL4	hCG2031550	V0002	0.01670	0.45	0.96	0.98	T	All	STATUS9
hCV1841567	AGTR2	hCG1723753	S0012	0.03422	1.36	0.46	0.38	T	Smoke+	STATUS1
hCV1841567	AGTR2	hCG1723753	V0002	0.00010	1.36	0.42	0.35	T	All	STATUS8
hCV2206749		S0012	0.04725	1.47	0.22	0.16	G	Old	STATUS2	
hCV2206749		V0002	0.02420	1.33	0.24	0.19	G	All	STATUS9	
hCV2392430	CCL22	S0012	0.00379	0.26	0.95	0.99	T	All	STATUS3	
hCV2392430	CCL22	V0002	0.00653	0.23	0.94	0.98	T	All	STATUS10	
hCV2436946	DHX16	hCG26008	S0012	0.01871	1.85	0.92	0.87	Female	STATUS2	
hCV2436946	DHX16	hCG26008	V0002	0.03259	1.37	0.88	0.84	T	All	STATUS9
hCV2478069	CACNA1F	hCG2039817	S0012	0.01699	1.51	0.92	0.88	G	All	STATUS2
hCV2478069	CACNA1F	hCG2039817	V0002	0.01837	1.52	0.92	0.89	G	All	STATUS9
hCV2478356	MYH6	hCG1640452	S0012	0.04632	0.72	0.36	0.44	G	All	STATUS3
hCV2478356	MYH6	hCG1640452	V0002	0.02639	0.67	0.34	0.43	G	All	STATUS10
hCV25594325	HAP1	hCG18962	S0012	0.02601	1.69	0.86	0.78	Smoke+	STATUS5	
hCV25594325	HAP1	hCG18962	V0002	0.01512	1.49	0.87	0.81	T	All	STATUS12
hCV25616048	MTP	hCG37774	S0012	0.00667	0.55	0.93	0.96	G	All	STATUS1
hCV25616048	MTP	hCG37774	V0002	0.00297	0.61	0.93	0.95	G	All	STATUS8
hCV25623506	LTK	hCG39290	S0012	0.04664	2.43	0.05	0.02	T	Female	STATUS1
hCV25623506	LTK	hCG39290	V0002	0.01721	1.48	0.07	0.05	T	All	STATUS8
hCV25644769	AP3B1	hCG1729266	S0012	0.04114	1.45	0.94	0.91	A	All	STATUS1
hCV25644769	AP3B1	hCG1729266	V0002	0.02860	1.42	0.95	0.92	A	All	STATUS8
hCV25750954	PPAP2B	hCG32470	S0012	0.02069	0.43	0.01	0.03	T	All	STATUS1

TABLE 6, page 2 of 5

<u>Marker</u>	<u>Gene Name</u>	<u>hCG</u>	<u>p-value</u>	<u>OR</u>	<u>Case Freq.</u>	<u>Cntrl Freq.</u>	<u>Allele</u>	<u>Strata</u>	<u>Status</u>
hCV25750954	PPAP2B	hCG32470	V0002	0.01346	0.46	0.01	T	All	STATUS8
hCV25756609		hCG1997137	S0012	0.01272	2.07	0.89	G	Smoke+	STATUS3
hCV25756609		hCG1997137	V0002	0.01814	1.74	0.88	G	All	STATUS10
hCV25929384	LRRKIP2	hCG17138	S0012	0.03514	0.26	0.94	G	Young	STATUS5
hCV25929384	LRRKIP2	hCG17138	V0002	0.01892	0.43	0.95	T	All	STATUS12
hCV25934188	FLJ10521	hCG1811869	S0012	0.01977	0.64	0.89	G	All	STATUS2
hCV25934188	FLJ10521	hCG1811869	V0002	0.01636	0.62	0.89	G	All	STATUS9
hCV25951871	ABCB8	hCG18685	S0012	0.00185	0.45	0.06	T	Old	STATUS2
hCV25951871	ABCB8	hCG18685	V0002	0.00456	0.60	0.06	T	All	STATUS9
hCV25956356	SOM	hCG1813420	S0012	0.03240	0.53	0.93	T	Male	STATUS1
hCV25956356	SOM	hCG1813420	S0012	0.03928	0.46	0.94	T	Young	STATUS1
hCV25956356	SOM	hCG1813420	V0002	0.04039	0.68	0.94	T	All	STATUS8
hCV2628220	SEC14L3	hCG1777562	S0012	0.02852	1.26	0.33	G	All	STATUS1
hCV2628220	SEC14L3	hCG1777562	V0002	0.02017	1.28	0.36	G	Male	STATUS8
hCV2628220	SEC14L3	hCG1777562	V0002	0.02752	1.30	0.34	T	Smoke+	STATUS8
hCV2628220	MBL2	hCG27269	S0012	0.00157	1.65	0.74	T	Old	STATUS2
hCV2738899	MBL2	hCG27269	S0012	0.00229	1.69	0.75	T	Smoke-	STATUS2
hCV2738899	MBL2	hCG27269	V0002	0.03076	1.39	0.89	T	All	STATUS9
hCV2738899	MBL2	hCG27269	S0012	0.02799	0.68	0.76	G	Smoke+	STATUS1
hCV3017114	NAB2		V0002	0.02066	0.80	0.76	G	All	STATUS8
hCV3017114	NAB2		S0012	0.01761	1.39	0.68	T	All	STATUS5
hCV620397	NAB2	hCG41227	V0002	0.00791	1.39	0.69	T	All	STATUS12
hCV620397	NAB2	hCG41227	S0012	0.04614	0.73	0.35	C	Female	STATUS1
hCV7448676	TCF2	hCG27684	S0012	0.02633	0.69	0.34	C	Smoke-	STATUS1
hCV7448676	TCF2	hCG27684	V0002	0.04229	0.85	0.34	C	All	STATUS8
hCV7514692	BAT2	hCG40302	S0012	0.04236	0.73	0.26	C	Old	STATUS12
hCV7514692	BAT2	hCG40302	V0002	0.00265	0.77	0.23	C	All	STATUS1
hCV7546198	ASB3	hCG1986921	S0012	0.03086	0.54	0.93	T	All	STATUS5
hCV7546198	ASB3	hCG1986921	V0002	0.01715	0.53	0.92	T	All	STATUS12
hCV7567311	APOH	hCG1985715	S0012	0.01705	0.72	0.55	A	All	STATUS1
hCV7567311	APOH	hCG1985715	V0002	0.04534	0.86	0.54	T	All	STATUS8
hCV8695563	CAPG	hCG34603	S0012	0.01144	1.54	0.39	T	All	STATUS3
hCV8695563	CAPG	hCG34603	V0002	0.00495	2.24	0.40	G	Smoke+	STATUS10
hCV9626088			S0012	0.04948	0.79	0.69	T	All	STATUS2
hCV9626088			V0002	0.01923	0.77	0.69	G	All	STATUS9
hCV809542			S0012	0.031096	0.80	0.65	T	All	STATUS1

TABLE 6, page 3 of 5

Marker		Gene Name	hCG	Sample Set	p-value	OR	Case Freq.	Cntr Freq.	Allele	Status
hCV809542		hCG1780502		V0002	0.0115176	0.81	0.69	0.73	T	STATUS8
hCV8090292		hCG1744287		S0012	0.0207809	0.64	0.89	0.93	ALL	STATUS2
hCV8090292		hCG1744287		V0002	0.0200822	0.65	0.89	0.93	ALL	STATUS9
hCV11987172		hCG17353		S0012	0.0072519	0.07	0.98	1.00	G	STATUS5
hCV11987172		hCG1783364		V0002	0.0309285	0.23	0.98	1.00	G	STATUS12
hCV15850923		hCG1783364		S0012	0.0154486	1.50	0.33	0.25	A	STATUS6
hCV15850923		hCG1783364		V0002	0.0055283	1.70	0.33	0.22	A	STATUS17
hCV500906		hCG500906		S0012	0.0339405	0.73	0.47	0.55	G	STATUS6
hCV500906		hCG500906		V0002	0.0133699	0.65	0.47	0.57	G	STATUS17
hCV8966367		hCG39214		S0012	0.029013	0.57	0.85	0.91	Smoke-	STATUS1
hCV8966367		hCG2030035		V0002	0.021353	0.77	0.84	0.88	ALL	STATUS8
hCV25933139		hCG2030035		S0012	0.0228369	1.30	0.77	0.72	ALL	STATUS1
hCV25933139		hCG2030035		V0002	0.0433704	1.29	0.75	0.70	Old	STATUS8
hCV22272691		hCG14		S0012	0.0005904	0.36	0.87	0.95	Female	STATUS1
hCV22272691		hCG2030035		S0012	0.0120025	0.55	0.87	0.93	Old	STATUS1
hCV22272691		hCG2030035		V0002	0.0161662	0.76	0.86	0.89	Female	STATUS8
hCV22272691		hCG2030035		S0012	0.0100886	0.65	0.29	0.39	Female	STATUS2
hCV8701512		hCG38636		V0002	0.0355314	0.80	0.33	0.38	ALL	STATUS9
hCV8701512		hCG38636		S0012	0.0070725	0.68	0.50	0.60	Male	STATUS2
hCV7492697		BLAME		V0002	0.0363266	0.81	0.50	0.55	ALL	STATUS9
hCV7492697		hCG38636		S0012	0.021499	0.39	0.87	0.94	Female	STATUS3
hCV7492697		hCG41475		V0002	0.0198927	0.50	0.85	0.92	ALL	STATUS10
hCV7492697		hCG41475		S0012	0.0278417	49.28	0.07	0.00	Female	STATUS4
hCV7550605		CXCL12		V0002	0.0097684	2.99	0.09	0.03	ALL	STATUS11
hCV7550605		hCG25667		S0012	0.028605	0.67	0.50	0.60	Male	STATUS5
hCV7492697		MMP20		V0002	0.0057347	0.72	0.47	0.55	ALL	STATUS12
hCV7492697		MMP20		S0012	0.03015	0.65	0.50	0.60	smoke+	STATUS6
hCV1432204		UGT1A1		V0002	0.0049937	0.63	0.39	0.50	ALL	STATUS17
hCV1432204		APG4B		S0012	0.0363898	1.52	0.63	0.53	Male	STATUS6
hCV7440082		hCG2039726		V0002	0.0080488	0.64	0.50	0.60	ALL	STATUS17
hCV7440082		hCG1640757		S0012	0.031096	0.80	0.65	0.70	ALL	STATUS1
hCV809542		hCG1780502		V0002	0.0115176	0.81	0.69	0.73	ALL	STATUS8
hCV809542		hCG1744287		S0012	0.0207809	0.64	0.89	0.93	ALL	STATUS2
hCV809542		hCG1744287		V0002	0.0200822	0.65	0.89	0.93	ALL	STATUS9
hCV11987172		SERPINE1		S0012	0.0072519	0.07	0.98	1.00	ALL	STATUS5
hCV11987172		SERPINE1		V0002	0.0309285	0.23	0.98	1.00	ALL	STATUS12

TABLE 6, page 4 of 5

<u>Marker</u>	<u>Gene Name</u>	<u>hCG</u>	<u>Sample Set</u>	<u>p-value</u>	<u>OR</u>	<u>Case Freq.</u>	<u>Cntrl Freq.</u>	<u>Allele</u>	<u>Strata</u>	<u>Status</u>
hCV15850923		hCG1783364	S0012	0.0154486	1.50	0.33	0.25	A	ALL	STATUS6
hCV15850923		hCG1783364	V0002	0.0055283	1.70	0.33	0.22	A	ALL	STATUS17
hCV500906			S0012	0.0339405	0.73	0.47	0.55	G	ALL	STATUS6
hCV500906			V0002	0.0133699	0.65	0.47	0.57	G	ALL	STATUS17
hCV8966367		hCG39214	S0012	0.029013	0.57	0.85	0.91	G	ALL	Smoke-
hCV8966367		hCG39214	V0002	0.021353	0.77	0.84	0.88	G	ALL	STATUS8
hCV25933139		hCG2030035	S0012	0.0228369	1.30	0.77	0.72	T	ALL	STATUS1
hCV25933139		hCG2030035	V0002	0.0433704	1.29	0.75	0.70	T	Old	STATUS8
hCV22272691			S0012	0.0005904	0.36	0.87	0.95	G	Female	STATUS1
hCV22272691			S0012	0.0120025	0.55	0.87	0.93	G	Old	STATUS1
hCV22272691		BLAME	V0002	0.0161662	0.76	0.86	0.89	G	ALL	STATUS8
hCV8701512		AP4B1	S0012	0.0100886	0.65	0.29	0.39	G	Female	STATUS2
hCV8701512		AP4B1	V0002	0.0355314	0.80	0.33	0.38	G	ALL	STATUS9
hCV7492697		MMP20	S0012	0.0070725	0.68	0.50	0.60	G	Male	STATUS2
hCV7492697		MMP20	V0002	0.0363266	0.81	0.50	0.55	G	ALL	STATUS9
hCV22272691			S0012	0.021499	0.39	0.87	0.94	G	Female	STATUS3
hCV22272691			V0002	0.0198927	0.50	0.85	0.92	G	ALL	STATUS10
hCV7550605		CXCL12	S0012	0.0278417	49.28	0.07	0.00	G	Female	STATUS4
hCV7550605		CXCL12	V0002	0.0097684	2.99	0.09	0.03	G	ALL	STATUS11
hCV1432204		UGT1A1	S0012	0.03015	0.65	0.50	0.60	T	smoke+	STATUS6
hCV1432204		UGT1A1	V0002	0.0049937	0.63	0.39	0.50	T	ALL	STATUS17
hCV7440082		APG4B	S0012	0.0363898	1.52	0.63	0.53	G	Male	STATUS6
hCV7440082		APG4B	V0002	0.0080488	0.64	0.50	0.61	G	ALL	STATUS17
hCV25955000		FLJ21941	V0002	0.0163899	1.36	0.92	0.89	T	ALL	STATUS8
hCV25955000		FLJ21941	S0012	0.0136678	1.47	0.91	0.87	T	ALL	STATUS1
hCV525993		hCG31412	V0002	0.0363314	1.34	0.10	0.07	T	ALL	STATUS8
hCV525993		hCG31412	S0012	0.0454906	1.43	0.11	0.08	T	ALL	STATUS1
hCV1345898			S0012	0.0355577	1.41	0.52	0.43	A	ALL	STATUS3
hCV1345898			V0002	0.021273	1.53	0.49	0.39	A	ALL	STATUS10
hCV25624196			S0012	0.0270918	0.46	0.92	0.96	A	ALL	STATUS3
hCV25624196			V0002	0.0090719	0.37	0.90	0.96	G	ALL	STATUS10
hCV25990513			S0012	0.0103204	0.55	0.11	0.18	A	ALL	STATUS3
hCV25990513			V0002	0.015394	0.58	0.15	0.23	A	ALL	STATUS10
hCV2845057		CCL22	S0012	0.0168353	0.25	0.96	0.99	G	ALL	STATUS3
hCV2845057		CCL22	V0002	0.0324407	0.27	0.95	0.98	T	ALL	STATUS10
hCV15878502		INSR	S0012	0.0061239	0.76	0.48	0.55	ALL	ALL	STATUS1

TABLE 6, page 5 of 5

<u>Marker</u>	<u>Gene Name</u>	<u>hCG</u>	<u>Sample Set</u>	<u>p-value</u>	<u>OR</u>	<u>Case Freq.</u>	<u>Cntrl Freq.</u>	<u>Allele</u>	<u>Strata</u>	<u>Status</u>
hCV15878502	INSR	hCG21793	V0002	0.02258885	0.77	0.47	0.54	T	Smoke+	STATUS8
hCV25613491	SCARF1	hCG28713	S0012	0.1819586	1.80	0.04	0.02	T	Smoke+	STATUS1
hCV25613491	SCARF1	hCG28713	V0002	0.0325765	0.66	0.03	0.05	ALL	ALL	STATUS8
hCV25745014		hCG1654640	S0012	0.0285892	2.09	0.97	0.93	G	Young	STATUS1
hCV25745014		hCG1654640	V0002	0.0380622	1.49	0.96	0.95	G	ALL	STATUS8
hCV3078697	PLXNC1	hCG40093	S0012	0.0045365	0.57	0.72	0.82	G	Smoke-	STATUS1
hCV3078697	PLXNC1	hCG40093	V0002	0.010952	0.79	0.76	0.80	G	ALL	STATUS8
hCV3189952	ICSBP1	hCG17046	S0012	0.0282624	0.62	0.79	0.86	T	Smoke-	STATUS2
hCV3189952	ICSBP1	hCG17046	V0002	0.0076905	0.68	0.81	0.86	T	ALL	STATUS9
hCV25473085	ALPL	hCG38868	S0012	0.0443649	2.09	0.93	0.86	T	Female	STATUS3
hCV25473085	ALPL	hCG38868	V0002	0.0084834	1.99	0.91	0.83	ALL	ALL	STATUS10
hCV25952351			S0012	0.004261	1.81	0.50	0.35	G	Smoke+	STATUS3
hCV25952351			V0002	0.0407538	1.46	0.48	0.38	G	ALL	STATUS10
hCV358293			S0012	0.0265449	1.73	0.69	0.57	T	Female	STATUS3
hCV358293			V0002	0.0022203	1.77	0.71	0.58	T	ALL	STATUS10
hCV2282539	PIR	hCG15752	S0012	0.0142001	0.45	0.88	0.94	G	Old	STATUS5
hCV2282539	PIR	hCG15752	V0002	0.0191959	0.61	0.89	0.93	G	ALL	STATUS12
hCV3128078	C1orf29	hCG24062	S0012	0.036297	1.57	0.35	0.25	G	Female	STATUS5
hCV3128078	C1orf29	hCG24062	S0012	0.0432091	1.58	0.34	0.24	G	Smoke-	STATUS5
hCV3128078	C1orf29	hCG24062	V0002	0.0219885	1.34	0.37	0.30	G	ALL	STATUS12
hCV2332906		hCG1645854	S0012	0.0145793	1.76	0.65	0.51	T	Female	STATUS6
hCV2332906		hCG1645854	V0002	0.0160207	1.51	0.63	0.52	T	ALL	STATUS17
hCV985775	PCDHB10	hCG1980720	S0012	0.0206739	2.41	0.95	0.88	A	Male	STATUS6
hCV985775	PCDHB10	hCG1980720	V0002	0.0304696	1.77	0.90	0.83	A	ALL	STATUS17
hCV25990513	LAMA2	hCG21784	V0002	0.0499143	0.67	0.14	0.20	A	Smoke-	STATUS9
hCV25990513	LAMA2	hCG21784	S0012	0.0439849	0.67	0.17	0.23	A	Smoke-	STATUS2